

Diene synthesis and structure of adducts of trans-1,- -dichloroethylene with alicyclic dienes

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Abstract

1. The interaction of chloro-substituted ethylenes with dicyclohexenyl, 2,3-dimethylbutadiene, and butadiene was studied; adducts of trans-dichloroethylene with dicyclohexenyl and dimethylbutadiene were synthesized. 2. The dipole moments of the adducts obtained were measured in various solvents and at various temperatures, and the IR spectra were taken in the solid phase and in solution. 3. The conformations of the investigated substances were established, and certain energy relationships of the isomers were found, © 1966 Consultants Bureau.

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